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1 [The Jini architecture: dynamic services in a flexible network](#)



Ken Arnold

 June 1999 **Proceedings of the 36th ACM/IEEE conference on Design automation**

Publisher: ACM Press

 Full text available: [pdf\(62.17 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
Keywords: Java, Jini, distributed computing, distribution, networks

2 [Pareto-optimal formulations for cost versus colorimetric accuracy trade-offs in printer](#)


[color management](#)

D. J. Littlewood, P. A. Drakopoulos, G. Subbarayan

 April 2002 **ACM Transactions on Graphics (TOG)**, Volume 21 Issue 2

Publisher: ACM Press

 Full text available: [pdf\(9.84 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Color management for the printing of digital images is a challenging task, due primarily to nonlinear ink-mixing behavior and the presence of redundant solutions for print devices with more than three inks. Algorithms for the conversion of image data to printer-specific format are typically designed to achieve a single predetermined rendering intent, such as colorimetric accuracy. In the present paper we present two CIELAB to CMYK color conversion schemes based on a general Pareto-optimal formul ...

Keywords: Artificial Neural Networks, CMYK, Color Conversion, Color Fidelity, Color Management, Color Matching, Color Printing, Color Space Transformation, Optimization, Pareto-optimization, Tetrahedral Interpolation

3 [Filing and printing services on a local-area network](#)



P. Janson, L. Svobodova, E. Maehle

 October 1983 **ACM SIGCOMM Computer Communication Review , Proceedings of the eighth symposium on Data communications**, Volume 13 Issue 4

Publisher: ACM Press , ACM Press

 Full text available: [pdf\(803.88 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes the design and implementation of filing and printing services in a distributed system based on a token-ring local-area network. The main emphasis is put on the communication aspects of the client/server scenario: roles of a client and a server in a communication protocol, and the integration of communication protocols with applications.

4 Local area networks: sailing from the past to the present and into the future



Toby P. Gelman

October 1988 **Proceedings of the 16th annual ACM SIGUCCS Conference on User Services**

Publisher: ACM Press

Full text available: [pdf\(894.49 KB\)](#) Additional Information: [full citation](#), [index terms](#)

5 Enforcing model network citizenship by remote administration



Prasun Gupta, Mahmoud Pegah

September 2003 **Proceedings of the 31st annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Full text available: [pdf\(493.86 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Higher education institutions have been striving to improve services and keep pace with new technologies. In a Higher education environment, the users utilize the available computing resources 24 hours a day 7 days a week. Although we cannot have the 24 by 7 uptime guaranteed, due to issues like budget constraints, we could certainly reduce the downtime by deploying a cost effective open source network monitoring solution such as Big Brother. Commercially available network management systems are ...

Keywords: RMON, SNMP, big brother, monitoring, network management, network monitoring, system monitoring, system reliability

6 FINNET—a homogeneous multiprocessor network



Doug Dymont

September 1980 **Proceedings of the 3rd ACM SIGSMALL symposium and the first SIGPC symposium on Small systems**

Publisher: ACM Press

Full text available: [pdf\(639.99 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

FINNET is an approach to computer systems design that utilizes the economy, reliability, and flexibility of small computers functioning in a cohesive fashion to provide large scale computer power at a fraction of the usual cost. This approach is valid over a wide range of equipment configurations and will support system growth ranging from a single computer to a large geographically distributed network of processors, each capable of performing in stand-alone fashion under a variety of opera ...

Keywords: BCPL, Distributed, Homogeneous, Inter-process communication, Message passing, Multiprocessor, Network, Server

7 Linux Apprentice: A Heterogeneous Linux/Windows 95 Home Network

Chirakkal Easwaran

August 2000 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available: [html\(19.08 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Here's how to network your Windows machines to your Linux server.

8 The Kiewit network: a large AppleTalk internetwork



R. E. Brown

August 1987

ACM SIGCOMM Computer Communication Review , Proceedings of the ACM workshop on Frontiers in computer communications technology,

Volume 17 Issue 5

Publisher: ACM Press , ACM Press

Full text available: pdf(1.42 MB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Dartmouth College's Kiewit Network connects nearly all of the computing resources on the campus: mainframes, minicomputers, personal computers, terminals, printers, and file servers. It is a large internetwork, based on the AppleTalk protocols. There are currently over 2900 AppleTalk outlets in 44 zones on campus. Over 90 minicomputers act as bridges between 177 AppleTalk twisted pair busses. This paper describes the extent and facilities of the current network; the extensions made to the A ...

9 A real-time expert system for computer network monitor and control



Barton B. Dunning, John Switlik

August 1988 **ACM SIGMIS Database**, Volume 19 Issue 2

Publisher: ACM Press

Full text available: pdf(385.74 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

SEMACS is a continuous, real-time expert monitor and control system that actively and passively monitors a computer network. It detects and diagnoses hardware and software problems with the network and provides advice and solutions to an operator in his domain of influence. It was developed jointly by Sperry and one of its customers during an Expert Systems Apprenticeship with the Sperry Knowledge Systems Center. The prototype system, which includes all major components of the final, operational ...

10 Network's design allows seamless integration into existing microcomputer lab



Thomas Gerace

October 1988 **Proceedings of the 16th annual ACM SIGUCCS Conference on User Services**

Publisher: ACM Press

Full text available: pdf(316.06 KB) Additional Information: [full citation](#), [index terms](#)

11 Kernel Korner: Networking with the Printer Port



Alessandro Rubini

March 1998 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available: html(17.11 KB) Additional Information: [full citation](#), [index terms](#)

12 Configuring student computer laboratories for effective utilization through network management



David Dodds, Louie Athanasiadis

November 1995 **Proceedings of the 23rd annual ACM SIGUCCS conference on User services: winning the networking game**

Publisher: ACM Press

Full text available: pdf(742.10 KB) Additional Information: [full citation](#), [references](#), [index terms](#)